

Amendments to the Claims:

Claims 7 and 14 have been amended herein. Please note that all claims currently pending and under consideration in the referenced application are shown below. All amendments are made without prejudice or disclaimer. Please enter these claims as amended. This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1-6 (Canceled)

7. (Currently amended) A rocket motor, comprising:
an insulation material disposed between an inner surface of a case of the rocket motor and a propellant, the insulation material consisting of a low-density ethylene propylene diene monomer polymer, at least one flame-retardant, at least one curing agent, an organic filler selected from the group consisting of polyvinyl chloride, polyphenylene sulfide, melamine, and a homopolymer of vinylidene chloride, and at least one additive selected from the group consisting of at least one antioxidant, at least one cure accelerator, at least one cure activator, at least one tackifier, and at least one plasticizer, ~~and mixtures thereof~~.
8. (Original) The rocket motor of claim 7, wherein the at least one flame-retardant comprises at least one organic flame-retardant and at least one inorganic flame-retardant.

Claims 9-13 (Canceled)

14. (Currently amended) A method of insulating a rocket motor comprising:
producing an insulation material consisting of a low-density ethylene propylene diene monomer polymer, at least one flame-retardant, at least one curing agent, an organic filler selected from the group consisting of polyvinyl chloride, polyphenylene sulfide, melamine, and a homopolymer of vinylidene chloride, and at least one additive selected from the group

consisting of at least one antioxidant, at least one cure accelerator, at least one cure activator, at least one tackifier, and at least one plasticizer, ~~and mixtures thereof~~; and applying the insulation material to an inner surface of a case of the rocket motor.

15. (Previously presented) The method of claim 14, wherein producing an insulation material comprises producing an insulation material comprising at least one organic flame-retardant and at least one inorganic flame-retardant.

Claims 16-19 (Canceled)

20. (Original) The method of claim 14, further comprising:
curing the insulation material to form an insulation layer positioned between the inner surface of the case of the rocket motor and a propellant.